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- (71) Applicant (for all designated States except US): THOMAS INSDUSTRIES, INC. [US/US]; 1419 Illinois Avenue, Sheboygan, WI 53082-0029 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): VONDENSTEIN, John, S. [US/US]; 107 North Ironwood Drive, West Monroe, LA 71291 (US). THURMON, William, T. [US/US]; 519 Lincoln Hill Drive, Monroe, LA 71203 (US).
- (74) Agent: FRANZINI, John, D.; Quarles & Brady LLP, 411 East Wisconsin Avenue, Milwaukee, WI 53202 (US).

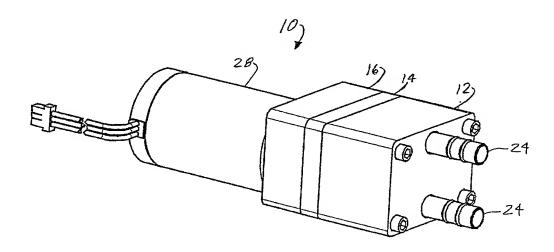
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(54) Title: COATED PUMP ASSEMBLY



(57) Abstract: A roots blower pump (10) has its internal gaps between relatively moving parts reduced by adding a liquid coating to the intake of the pump while operating the pump. The liquid coating cures to a solid surface on the moving parts, presenting opposing relatively moving surfaces that mate with one another to reduce leakage losses.